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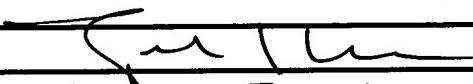
## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	Application Number	09/964,059	
	Filing Date	09/26/2001	
	First Named Inventor	Frudakis	
	Art Unit	1631	
	Examiner Name	Kenedy	
Total Number of Pages in This Submission	13	Attorney Docket Number	0201-0001

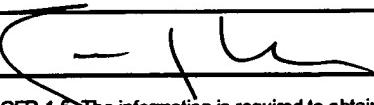
<b>ENCLOSURES (Check all that apply)</b>		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <div style="border: 1px solid black; padding: 2px; margin-top: 5px;">Remarks</div>	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	John J. Oskorep, Esq.		
Signature			
Date	28 June 2004		

### CERTIFICATE OF TRANSMISSION/MAILING

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: )  
                        )  
                        )  
**FRUDAKIS**            )      Group No.: **1631**  
                        )  
Serial No.: **09/964,059** )      Examiner: **Kenedy**  
                        )  
Filing Date: **09/26/01**      )      Docket No.: **0201-0001**  
                        )

For:   **"EFFICIENT METHODS AND APPARATUS FOR HIGH-THROUGHPUT  
PROCESSING OF GENE SEQUENCE DATA"**

**MAIL STOP NON-FEE AMENDMENT**  
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Sir:

**AMENDMENT AFTER FINAL**

The Applicant respectfully submits this Amendment After Final in response to the Office Action mailed 19 April 2004.